PTO/SB/08A (04-03) Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

the Paperwork Reduction Act of 1995, no persons are espond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/830,119				
Filing Date	April 23, 2004				
First Named Inventor	Sang-jin PARK, et al				
Art Unit	2818				
Examiner Name	Mai Huong C. TRAN				
Attorney Docket Number	249/464	$\overline{}$			

	-		U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (F known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
W/B	1	^{US-} 6,347,049 B1	02-12-2002	CHILDRESS, et al.	
NK	. 2	^{US-} 2002/0076940 A1	06-20-2002	HIBINO	
NIK	3	^{US-} 2002/0196591 A1	12-26-2002	HUJANEN, et al.	
KIK	4	^{US-} 2003/0228710 A1	12-11-2003	DREWES	
TIK	5	US- 2004/0101702 A1	05-27-2004	KIM, et al.	
/~~		US-			
		US-			
		Us-			
		US-			
		US-			
	T .	us-			
		US-			
		US-			
	<u> </u>	US-			
	 	US-	<u> </u>		
		US-			

		FORE	IGN PATENT DOCL	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	١.
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°
MH	6	KR 2003-0001106	01-06-2003	HYNIX SEMICON.		
MA	7	WO 02/45167 A2/A3	06-06-2002	HUJANEN, et al.		
						Ļ
						┡
						뉴
	l .	1 ^				

Examiner Signature	\mathcal{H}	NG	Thurs	Date Considered	09/	109/	08	_
				 		. , ,		-

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (04-03)

Approved for use through 04/30/2003. OMB 0651-003U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	te for form 1449/PTO			e required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known			
Substitu	te for fulfil 1449/FTO			Application Number	10/830,119		
INF	ORMATION	N DIS	CLOSURE	Filing Date	April 23, 2004		
STA	TEMENT	BY A	PPLICANT	First Named Inventor	Sang-jin PARK, et al		
	// / / / / / / / / / / / / / / / / / /			Art Unit	2818		
(Use as many sheets as necessary)				Examiner Name	Mai Huong C. TRAN		
Sheet	2	of	2	Attorney Docket Number	249/464		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MH	8	INOMATA, "Present and Future of Magnetic RAM Technology", IEICE Transactions	
Aft	·	on Electronics, Institute of Electronics Information and Comm. Eng., Tokyo, JP	
Mf		Vol. E84-C, No. 6, pp. 740-746 (June 2001)	
,			

_						
Examiner	///	1100111	Date	1 001	na	/
Signature	IV	o duces o	Considered	09	7	105
					T	-11

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.